

This Page Is Inserted by IFW Operations
and is not a part of the Official Record

BEST AVAILABLE IMAGES

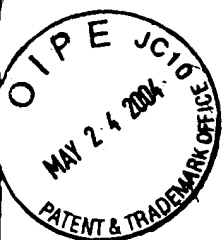
Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

**As rescanning documents *will not* correct images,
please do not report the images to the
Image Problem Mailbox.**



Atty. Docket No.: SIRF.P224.US.U1

PATENT

IN THE UNITED STATES PATENT OFFICE

In Re Patent Application of:

First Named Inventor: Henry Falk

Application No.: 10/762,852

Filed: January 22, 2004

Title: DYNAMIC MEMORY ALLOCATION AND SHARING
IN ELECTRONIC SYSTEMS

Examiner: To be assigned

Art Unit: 2186

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

REQUEST TO CORRECT FILING RECEIPT

Sir:

Correction of the Filing Receipt mailed April 7, 2004 in connection with the above-identified patent application is hereby requested.

Submitted herewith are:

1. a marked-up copy of the filing receipt, showing the requested correction; and
2. documents in support of the requested correction.

Correct Filing Date

The Filing Receipt incorrectly lists the application filing date as "01/21/2004." The correct filing date is 01/22/2004 as indicated in the marked-up copy of the Filing Receipt enclosed herewith. A copy of the Express Mail Certificate of Mailing as well as the first page of the application, both showing the Express Mail mailing label number, along with the corresponding Express Mail receipt showing 01/22/2004 in the "Date In" box are also enclosed as evidence of the 01/22/2004 filing date.

Conclusion

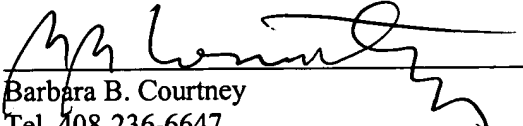
Applicant respectfully requests that the filing date be corrected and that a corrected Filing Receipt be mailed.

Authorization is hereby given to charge Deposit Account No. 501914 for any fee that may be due in connection with this Request. A duplicate of this Request is enclosed for Deposit Account charging purposes.

Respectfully submitted,

SHEMWELL GREGORY & COURTNEY LLP

Date May 20, 2004


Barbara B. Courtney
Tel. 408-236-6647



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPL NO.	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/762,852	01/24/2004 01/22/2004	2186	752	SIRF.P244.US.U1	16	56	4

Shemwell Gregory & Courtney LLP
Suite 201
4880 Stevens Creek Blvd.
San Jose, CA 95129



CONFIRMATION NO. 5848

FILING RECEIPT



OC000000012460141

Date Mailed: 04/27/2004

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections, facsimile number 703-746-9195. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

Henry Falk, Residence Not Provided;
Paul Underbrink, Residence Not Provided;

Domestic Priority data as claimed by applicant

This appln claims benefit of 60/499,961 09/02/2003

Foreign Applications

If Required, Foreign Filing License Granted: 04/27/2004

Projected Publication Date: To Be Determined - pending completion of Missing Parts

Non-Publication Request: No

Early Publication Request: No

** SMALL ENTITY **

Title

Dynamic memory allocation and sharing in electronic systems

Preliminary Class



LOCKETED

5-8-04
Red/Red/Red

**LICENSE FOR FOREIGN FILING UNDER
Title 35, United States Code, Section 184
Title 37, Code of Federal Regulations, 5.11 & 5.15**

GRANTED

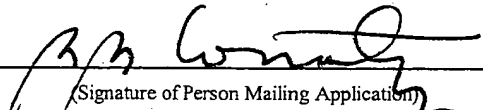
The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Office of Export Administration, Department of Commerce (15 CFR 370.10 (j)); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

NOT GRANTED

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).

Attorney Docket No. SIRF.P244		Patent
<u>Transmittal of Patent Application for Filing</u>		
<i>Certification Under 37 C.F.R. §1.10 (if applicable)</i>		
<u>EV 326 939 181 US</u> "Express Mail" Label Number	<u>January 22, 2004</u> Date of Deposit	
<p>I hereby certify that this application, and any other documents referred to as enclosed herein are being deposited in an envelope with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR §1.10 on the date indicated above and addressed to the Mail Stop Patent Application, Commissioner for Patents, PO Box 1450, Alexandria, VA. 22313-1450</p>		
<u>Barbara B. Courtney</u> (Print Name of Person Mailing Application)	 (Signature of Person Mailing Application)	

Dynamic Memory Allocation and Sharing In Electronic Systems

Inventors:

Henry Falk
Paul Underbrink

RELATED APPLICATION

This application claims priority from United States Provisional Patent Application Number 60/499,961, filed September 2, 2003, which is incorporated by reference herein in its entirety.

TECHNICAL FIELD

The disclosed embodiments relate to dynamic memory partitioning and sharing in electronic systems.

BACKGROUND

Portable electronic processor-based devices with diverse capabilities have become very popular around the world. As the popularity of portable electronic devices has increased, so too has consumer dependence on these devices. Consumers now rely on portable electronic devices, such as personal computers, personal digital assistants (PDAs), cellular telephones, and satellite-based positioning system devices, for

Attorney Docket No. SIRF.P244

Patent

Transmittal of Patent Application for Filing

Certification Under 37 C.F.R. §1.10 (if applicable)

EV 326 939 181 US

"Express Mail" Label Number

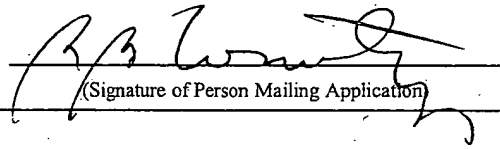
January 22, 2004

Date of Deposit

I hereby certify that this application, and any other documents referred to as enclosed herein are being deposited in an envelope with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR §1.10 on the date indicated above and addressed to the Mail Stop Patent Application, Commissioner for Patents, PO Box 1450, Alexandria, VA. 22313-1450

Barbara B. Courtney

(Print Name of Person Mailing Application)


(Signature of Person Mailing Application)

Serial/Patent No.: Not yet assigned Filing/Issue Date: HEREWITH Client: SIRF Technology, Inc.

Title: **Dynamic Memory Allocation and Sharing In Electronic Systems**

Atty. Docket No.: SIRF.P244.US.U1

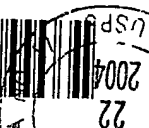
Date Mailed: January 22, 2004

The following has been received in the U.S. Patent & Trademark Office on the date stamped hereon:

- | | |
|---|---|
| <input type="checkbox"/> Amendment/Response (pgs.) | <input type="checkbox"/> Petition for Extension of Time (month(s)) |
| <input type="checkbox"/> Preliminary Amendment (pgs.) | <input type="checkbox"/> Information Disclosure Statement & PTO/SB/08A |
| <input checked="" type="checkbox"/> Application - Utility (48 pgs.) | <input type="checkbox"/> Issue Fee Transmittal |
| <input type="checkbox"/> Application - Rule 1.53(b) Contin. (pgs.) | <input type="checkbox"/> Submission of Formal Drawings |
| <input type="checkbox"/> Application - Rule 1.53(b) Divis. (pgs.) | <input type="checkbox"/> Notice of Appeal |
| <input type="checkbox"/> Application - Rule 1.53(b) CIP (pgs.) | <input type="checkbox"/> Appeal Brief (pgs. in triplicate) |
| <input type="checkbox"/> Application - Rule 1.53(d) CPA (pgs.) | <input type="checkbox"/> Reply Brief |
| <input type="checkbox"/> Application - PCT (pgs.) | <input type="checkbox"/> Response to Notice of Missing Parts |
| <input type="checkbox"/> Application - Provisional (pgs.) | <input checked="" type="checkbox"/> Utility Patent Application Transmittal |
| <input checked="" type="checkbox"/> Drawings (16 sheets) | <input checked="" type="checkbox"/> Fee Transmittal (in duplicate) |
| <input type="checkbox"/> Declaration & POA (pgs.) | <input checked="" type="checkbox"/> Itemized Postcard |
| <input type="checkbox"/> Assignment & Cover Sheet (pgs.) | <input checked="" type="checkbox"/> Express Mail Certificate Of Mailing |
| <input type="checkbox"/> Power of Attorney | <input checked="" type="checkbox"/> Express Mail No. <u>EV 326 939 181 US</u> |
| <input type="checkbox"/> Nonpublication Request (35 USC 122(b)) | <input checked="" type="checkbox"/> Check No. <u>3303</u> Amt <u>\$752.00</u> |
| <input type="checkbox"/> Other _____ | |



EV 326939181 US



UNITED STATES POSTAL SERVICE®

Customer Copy
Label 11-F June 2002

Post Office To Addressee

ORIGIN (POSTAL USE ONLY)

PO ZIP Code 95117	Day of Delivery <input checked="" type="checkbox"/> Next <input type="checkbox"/> Second	Flat Rate Envelope <input checked="" type="checkbox"/>
Date In Mo. Day Year 1 22 2004	<input checked="" type="checkbox"/> 12 Noon <input type="checkbox"/> 3 PM	Postage \$ 13.65
Time In <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	<input type="checkbox"/> 2nd Day <input type="checkbox"/> 3rd Day	Return Receipt Fee
Weight 1.5 lbs. 0 ozs.	Int'l Alpha Country Code	COD Fee Insurance Fee
No Delivery <input type="checkbox"/> Weekend <input type="checkbox"/> Holiday	Acceptance Clerk Initials WAC	Total Postage & Fees \$ 13.65

DELIVERY (POSTAL USE ONLY)

Delivery Attempt	Time <input type="checkbox"/> AM <input type="checkbox"/> PM	Employee Signature
Mo. Day		
Delivery Attempt	Time <input type="checkbox"/> AM <input type="checkbox"/> PM	Employee Signature
Mo. Day		
Delivery Date	Time <input type="checkbox"/> AM <input type="checkbox"/> PM	Employee Signature
Mo. Day		

☐ **WAIVER OF SIGNATURE** (Domestic Only) Additional merchandise insurance is void if waiver of signature is requested. I wish delivery to be made without obtaining signature of addressee or addressee's agent. (If delivery employee judges that article can be left in secure location) and I authorize that delivery employee's signature constitutes valid proof of delivery.

☐ **NO DELIVERY** ☐ Weekend ☐ Holiday

CUSTOMER USE ONLY

METHOD OF PAYMENT:
Express Mail Corporate Acct. No. **X940465**

FROM: (PLEASE PRINT) PHONE: **408, 236 6640**

SHENWELL GREGORY & COURTNEY
4880 STEVENS CREEK BLVD
STE 201
SAN JOSE CA 95129-1034

SIRE. P244.05.41

TO: (PLEASE PRINT) PHONE: ()

MAIL STOP PATENT APPLICATION
COMMISSIONER FOR PATENTS
PO BOX 1450
ALEXANDRIA VA 22313-1450

PRESS HARD. You are making 3 copies. **FOR PICKUP OR TRACKING CALL 1-800-222-1811 www.usps.com**

Westgate Station
San Jose, California
951179998
0568370014-0097
(800)275-8777 01:41:40 PM

Product Description	Sale Qty	Sale Unit	Price	Final Price
ALEXANDRIA VA 22313 Express Mail PO-ADD Flat Rate				\$13.65

Serial Number EV326939181US
Next Day Noon / Normal Delivery
Paid by account: \$13.65
EMCA account number: 940465

Total: \$0.00
Paid by:

8111#: 1000301070743
Clerk: 17

— All sales final on stamps and postage. Refunds for guaranteed services only. Thank you for your business. Customer Copy